BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Estimate for Improvements to Roads and Drains in Thindlu Village Road in Ward No. 09, Vidyaranyapura Sub Division.**

							Estimate Cost:		2000000.00
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 138 / Item No. 19.1/ PWD SR 2014-15**	Cum							
	CC Road Shanimahatham Templ Backside		1	38.00	4.50	0.15	25.65		
	Cross Road		1	65.00	3.85	0.15	37.54		
	Connecting Roads		2	30.00	3.90	0.15	35.10		
	Nanjundapp house Road		1	68.00	5.00	0.15	51.00		
	L/S Cross Road		1	70.00	3.25	0.15	34.09		
							183.38	75.60	**13863.00**
	Basic Rate	70.00							
	Area Weightage @8%	5.60							
	Total	**75.60**							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2014-15**	Cum							
	CC Road Shanimahatham Templ Backside		1	38.00	4.50	0.15	25.65		
	Cross Road		1	65.00	3.85	0.15	37.54		
	Connecting Roads		2	30.00	3.90	0.15	35.10		
	Nanjundapp house Road		1	68.00	5.00	0.15	51.00		
	L/S Cross Road		1	70.00	3.25	0.15	34.09		
							183.38	4847.04	**888838.00**
	Basic Rate	4488.00							
	Area Weightage @8%	359.04							
	Total	**4847.04**							

l. o	Description	Unit	No.	L	B	D	Qty	Rate	Amount
3	KSRB- 4-1.5 : Providing and laying in position plain cement concrete of **mix M20 with OPC cement @ 300 kgs, with 20mm** and down size graded granite metal coarse aggregates @ 0.64 cum and fine aggregares @ 0.43 cum with superplastisiser @ 3lts confirming to IS9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2; **No. 12/ Item No. 4.5/ PWD SR 2014-15**	Cum							
	CC Road Shanimahatham Templ Backside		1	38.00	4.50	0.13	22.23		
	Cross Road		1	65.00	3.85	0.13	32.53		
	Connecting Roads		2	30.00	3.90	0.12	26.99		
	Nanjundapp house Road		1	68.00	5.00	0.15	51.00		
	L/S Cross Road		1	70.00	3.25	0.12	27.30		
							160.05	5852.52	**936710.00**
	Basic Rate	5419.00							
	Area Weightage @8%	433.52							
	Total	**5852.52**							
4	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator HOM of machinery Screed Vibratiry, Power Floater, blade and disc etc., with all lead and lift No. **171 / Item No. 22.7 / PWD SR 2014-15**	Sqm							
	CC Road Shanimahatham Templ Backside		1	38.00	4.50		171.00		
	Cross Road		1	65.00	3.85		250.00		
	Connecting Roads		2	30.00	3.90		234.00		
	Nanjundapp house Road		1	68.00	5.00		340.00		
	L/S Cross Road		1	70.00	3.25		227.50		
							1222.50	97.20	**118827.00**
	Basic Rate	90.00							
	Area Weightage @8%	7.20							
	Total	**97.20**							
5	Providing groove cutting for **cement pavement** wifth of 5mm to 10mm and depth 800mm-100mm including cost of cutting machine, generator and HOM of machinery, including cost of blade, coolant etc, including cleaning of groove and providing sand and hot bitumen fillarsm and filler metal etc including of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications **Page No. 172 / Item No. 22.8 / PWD SR 2014-15**	Rmt							
			5	4.80			24.00		
			6	4.00			24.00		
			5	4.00			20.00		
			8	4.00			32.00		
							68.00	124.20	**8446.00**
	Basic Rate	115.00							
	Area Weightage @8%	9.20							
	Total	**124.20**							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Area Weightage @ 8%	820.00							
	Total	**11070.00**							
7	Load for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum					165.04		12142.00
			Vide Item No. 1				311.65	73.57	22928.00
	Average weight of earth 1.28 tonne / kg for 2x1.28x2.00=5.12	5.12							
	Add loading and unloading charges Vide item no.17.1 P.no.130	63.00							
		68.12							
	Area Weightage @ 8%	5.45							
	Total	**73.57**							
8	Sub Total								**1979549.00**
9	For Third Part QC inspection Charges @ 1% of Estimate Cost								**19795.00**
10	Miscellaneous and other Charges	L/S							**656.00**
								Total	**2000000.00**
	(Rs. Twenty Lakhs Only)								

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2014-15.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
W.O.S

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidayranyapura Sub Division

Executive Engineer 18/11/2014
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs.....
Rupees Twenty Lakhs only
Under P-0190-2178

Registered as EE ( ) No 9 9
Subject to conditions contained in enclosed memo EE ( ) No /9/....
Dt Estimate A/Sanctioned No: 1116/2014-15
dated 4/12/2014 Rs 20.00

Technical Sanction for Rs. 20.00 Lakhs
Twenty Lakhs only

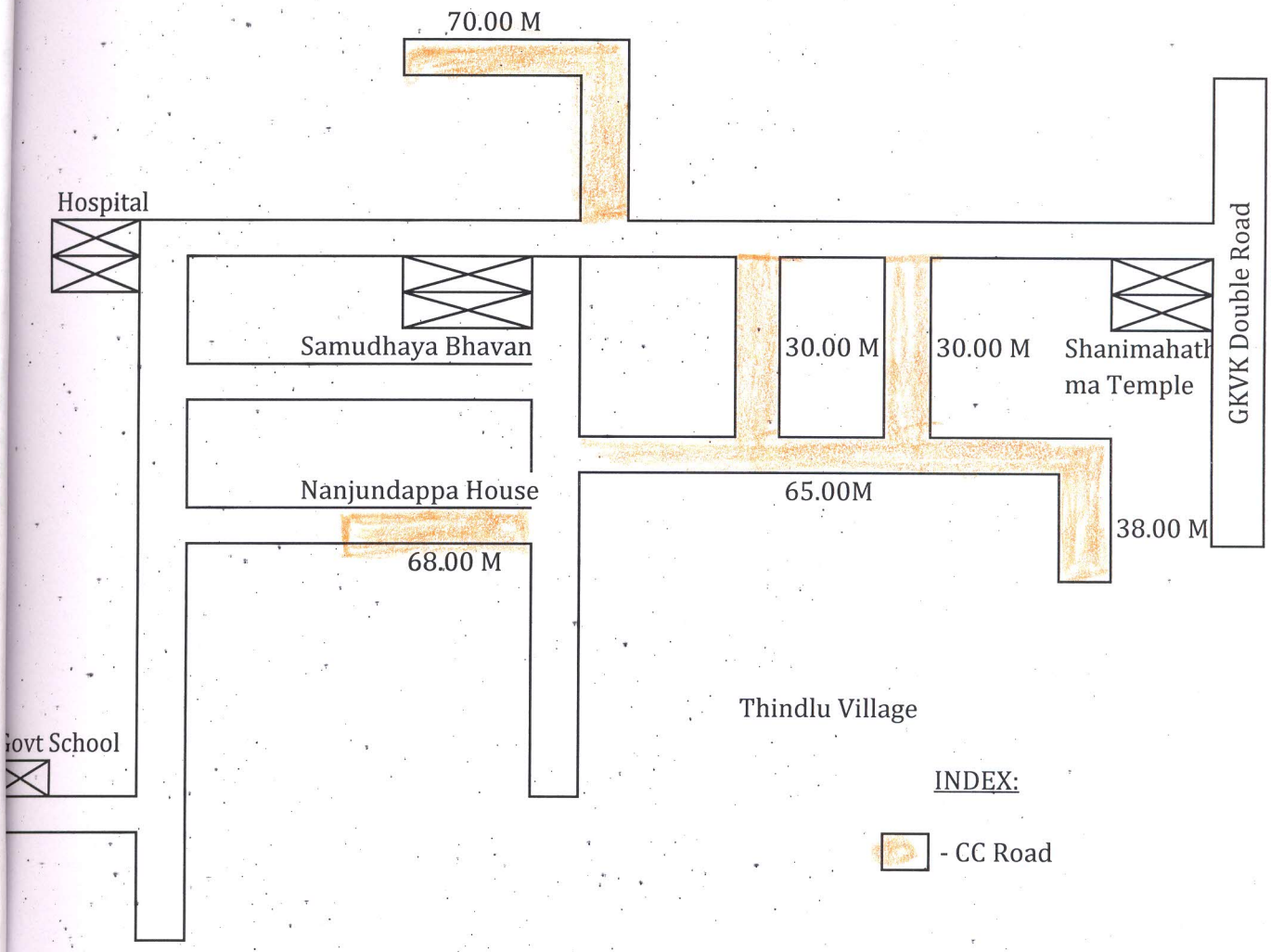
50 22/12/14

/271/14-15 Dt. 22/12/14

4/12/14

Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92

etch Showing the Work of Improvements to Roads and Drains in Thindlu Village Road in Ward No. 09 (Vidyaranyapura), Vidyaranyapura Sub Division.



Assistant Engineer
Ward No. 09

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE, BYATARAYANAPURA DIVISION

Lead Statement for Srinivaspura Dumping Yard for Ward No. 09,
Vidyaranyapura Sub Division.

Lead Distance

1.	From BBMP Sub Division office to Devi Circle	1.50 Kms
2.	From Devi Circle to Thirumala Daba	2.00 Kms
3.	From Thirumala Daba to 3rd Cross SBI Bank	2.00 Kms
4.	From 3rd Cross SBI Bank to Sheshadripuram College	0.50 Kms
5.	From Shesadripuram College to Police Station	0.80 Kms
6.	From Police Station to Kogilu Cross	0.60 Kms
7.	From Kogilu Cross to Srinivasapura	4.00 Kms
8.	From Srinivasapura to Dumping Yard	0.50 Kms
	Total	**11.90 Kms**

Certificate:

1. Certified that the Srinivasapura Dumping Yard us the approved dumping yard for ward no. 09 BBMP
2. BBMP Sub Division office Vidyaranyapura is taken as the centre place for calculating the lead distance for ward no. 09.
3. The above distance is the shortest distance for calculating the lead.

Assistant Engineer Ward No. 09	Assistant Executive Engineer Vidyaranyapura Sub Division	Executive Engineer Byatarayanapura Division